

直流信號隔離雙輸出傳送器

(DUAL OUTPUT DC SIGNAL ISOLATED TRANSMITTER)

MODEL
DTD



■特點(FEATURES)

- .精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- .多種輸入與輸出選擇(Wide selection of input/output range)
- .輸入與輸出絕緣耐壓2仟伏特/1分鐘(Dielectric strength 2KVac/1 min. (input/output/power))
- .寬範圍交直流兩用電源設計(Wide input range for auxiliary power)
- .尺寸小,穩定性高(Dimension small and High stability)

1.MODEL:DTD-□ □ □ □ (選購型號)

NO	Input Range	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
1	0-50mV	6	4-20mA	C	DC1-5V	C	DC1-5V	A	AC/DC 18-60V
2	0-1V	7	4-20mA	D	DC0-10V	D	DC0-10V	B	AC/DC 90-260V
3	0-5V	9	SPECIFIED	F	DC0-1mA	F	DC0-1mA		
4	1-5V		.Exciting DC24V(<25mA)	I	DC4-20mA	I	DC4-20mA		. Less 4VA for AC/DC input
5	0-10V		(two-wire transmitter)	R	SPECIFIED	R	SPECIFIED		

2.SPECIFICATION (主要規格)

- . Measuring accuracy (精確度) : 0.1% F.S. (23 ± 5)
- . Input resistance (輸入阻抗) : >100M ohm (<2V range)
>1M ohm (>2V range)
<10 ohm (current input)
- . Maximum input (最大過載能力) : <300Vrms (>2V ranges)
<150Vrms (<2V ranges)
<150mA (current ranges)
- . Response time (輸出反應速度) : < 250 ms (0-90%)
- . Output drive capability (輸出負載能力) : < 10mA for voltage mode
< 10V for current mode
- . Output ripple (p-p) (輸出之漣波) : < 0.1% F.S.
- . Zero (offset) range (歸零調整範圍) : 0- ± 5% F.S.
- . Span (scale) range (最大值調整範圍) : 0- ± 10% F.S.
- . Temp. coefficient (溫度係數) : 100ppm/ (0-50)
- . Isolation (隔離特性) : Input/Output 1/Output 2/Power/Case
- . Insulation Resistance (絕緣阻抗) : >100M ohm with 500V DC
- . Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/output 1/output 2/power)
1600Vdc (input/output 1/output 2)
- . Operating condition (使用環境條件) : 0-50 (20 to 90% RH non-condensed)
- . Storage condition (存放環境條件) : 0-70 (20 to 90% RH non-condensed)
- . Construction (安裝方式) : Socket/plugin type with barrier terminals

3.Terminal conection(接線圖)

POWER		Input		+24V
8	7	6	5	4
-	+	-	+	EXC
		+	-	
9	10	11	1	2
Output2		Output1		

note:Exciting voltage DC24V existent "DTD-7" only

4.Dimension(unit:mm)(外型尺寸)

